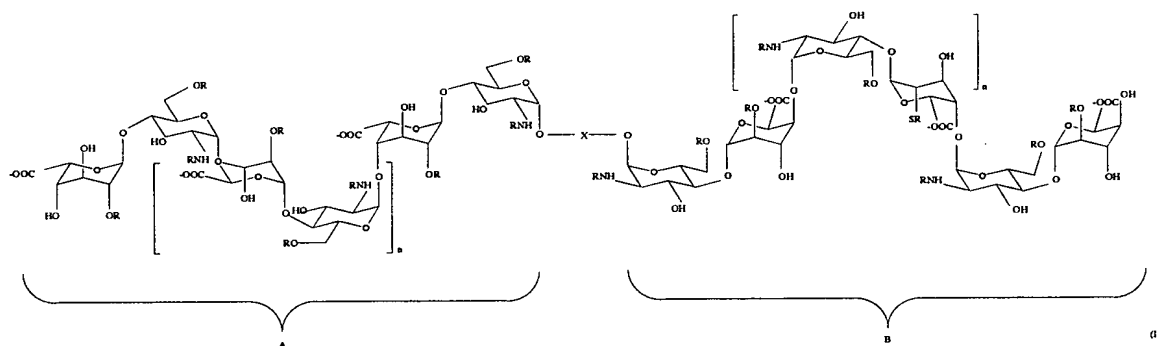


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1. **(Original)** Compound capable of binding to gamma-interferon ( $\gamma$ -IFN), chosen from the molecules corresponding to formula (I) below:



in which X is a divalent spacer group that is sufficiently long to allow the two oligosaccharide fragments A and B to each bind to one of the peptide sequences 125 to 143 of the C-terminal ends of a  $\gamma$ -interferon ( $\gamma$ -IFN) homodimer, n represents an integer from 0 to 10, for example equal to 0, 1, 2, 3, 4 or 5, and each R independently represents a hydrogen atom, an  $\text{SO}_3^-$  group or a phosphate group, with the proviso that no  $\text{SO}_3^-$  group is in the 3-position of the glucosamine units of compound (I).

Claim 2. **(Original)** Compound according to Claim 1, in which all the R groups represent an  $\text{SO}_3^-$  group or all the R groups represent a phosphate group.

Claim 3. **(Original)** Compound according to Claim 1, in which the

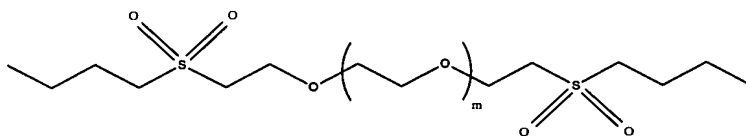
spacer group is 15 to 150 Å, preferably 33 to 50 Å, in length.

Claim 4. **(Original)** Compound according to Claim 1, in which the spacer group consists of a carbon chain, preferably of 1 to 120 C, in which one or more of the carbon atoms are optionally replaced with a hetero atom chosen from N, S, P and O, an SO<sub>2</sub> group, or an aryl group, said carbon chain also optionally carrying one or more anionic groups.

**Claim 5. (Original)** Compound according to Claim 4, in which said anionic groups are chosen from sulphate groups, phosphate groups and carboxylic groups.

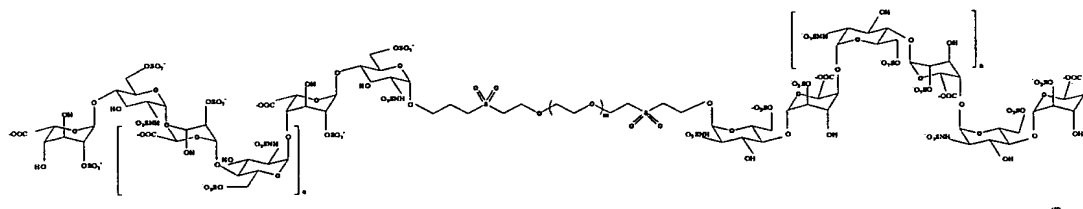
**Claim 6. (Original)** Compound according to Claim 4, in which the spacer group is derived from a polyglycol preferably chosen from poly(alkylene glycols) in which the alkylene group comprises from 1 to 4 C, such as poly(ethylene glycol).

Claim 7. **(Original)** Compound according to Claim 6, in which the spacer group corresponds to the formula:



in which  $m$  is an integer from 5 to 32.

Claim 8. (**Original**) Compound according to Claim 7, corresponding to formula (II) below:



in which  $n$  represents an integer from 0 to 10, for example equal to 0, 1, 2, 3, 4 or 5, and  $m$  is an integer from 5 to 32.

Claim 9. **(Original)** Compound (IIa) corresponding to formula (II) according to Claim 8, in which  $n = 0$  and  $m = 5$ .

Claim 10. **(Original)** Compound (IIb) corresponding to formula (II) according to Claim 8, in which  $n = 0$  and  $m = 10$ .

Claim 11. **(Original)** Compound (IIc) corresponding to formula (II) according to Claim 8, in which  $n = 0$  and  $m = 32$ .

Claim 12. **(Original)** Compound (II d) corresponding to formula (II) according to Claim 8, in which  $n = 1$  and  $m = 5$ .

Claim 13. **(Original)** Compound (IIe) corresponding to formula (II), according to Claim 8, in which  $n = 1$  and  $m = 10$ .

Claim 14. **(Original)** Compound (II f) corresponding to formula (II), according to Claim 8, in which  $n = 1$  and  $m = 32$ .

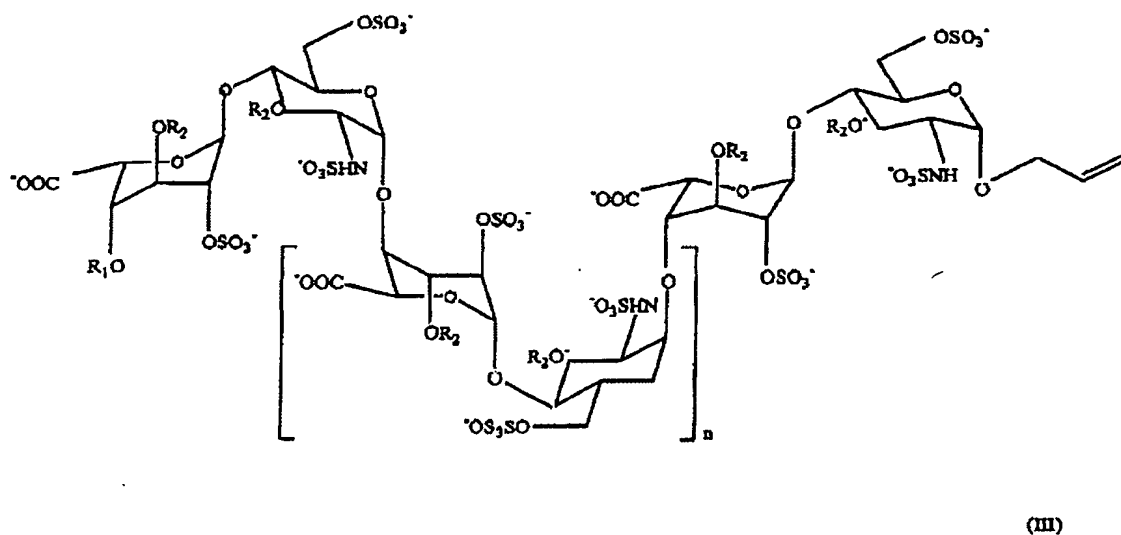
Claim 15. **(Original)** Compound (II g) corresponding to formula (II), according to Claim 8, in which  $n = 2$  and  $m = 5$ .

Claim 16. **(Original)** Compound (II h) corresponding to formula (II),

according to Claim 8, in which  $n = 2$  and  $m = 10$ .

Claim 17. **(Original)** Compound (III) corresponding to formula (II), according to Claim 8, in which  $n = 2$  and  $m = 32$ .

Claim 18. **(Original)** Process for preparing a compound capable of binding to gamma-interferon ( $\gamma$ -IFN) of formula (II) according to Claim 8, in which the free-radical coupling of two water-soluble compounds that are precursors of oligosaccharides of formula (III):



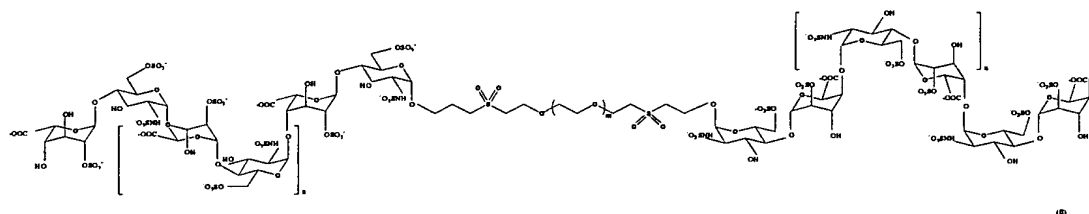
in which  $n$  is an integer from 0 to 10, for example equal to 0, 1, 2, 3, 4 or 5, and  $R_1$  and  $R_2$  represent a hydroxyl group-protecting group preferably chosen from p-methoxybenzyl and benzyl groups, with a dithiol compound that is a precursor of the spacer group of formula:



in which  $m$  is an integer from 5 to 32, is carried out so as to obtain a compound of

formula (IV):

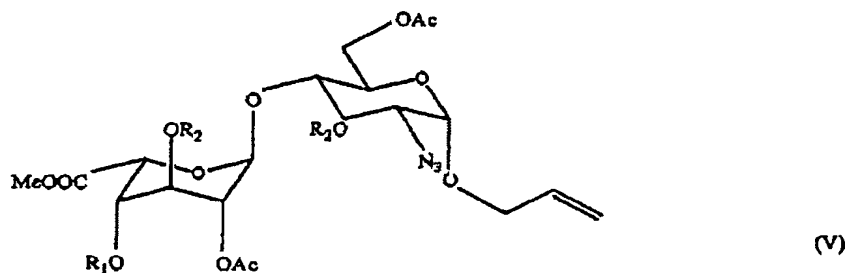
and then, the thioether functions are oxidized to sulphones and the final deprotection of compound (IV) is carried out so as to give the final compound of formula (II):



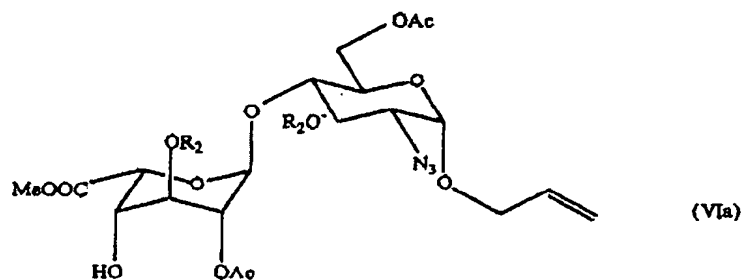
Claim 19. **(Original)** Process according to Claim 18, in which R<sub>1</sub> is a p-methoxybenzyl group and R<sub>2</sub> is a benzyl group.

Claim 20. **(Original)** Process according to Claim 18, in which the water-soluble compound that is a precursor of oligosaccharides of formula (III) is prepared by means of the following successive steps:

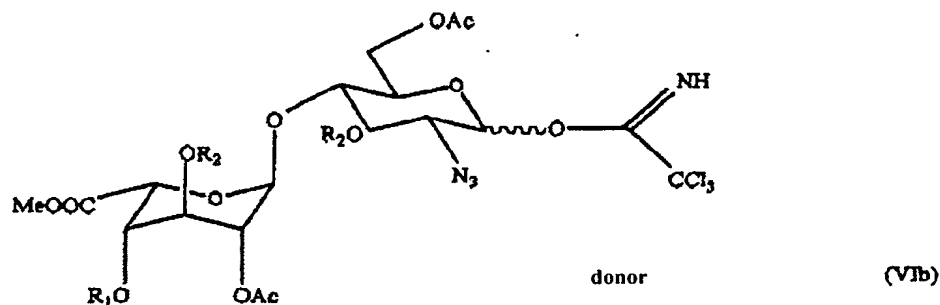
a) a disaccharide of formula (V):



is subjected to oxidative cleavage of the R<sub>1</sub> group, preferably a para-methoxybenzyl group, so as to give an "acceptor" disaccharide of formula:

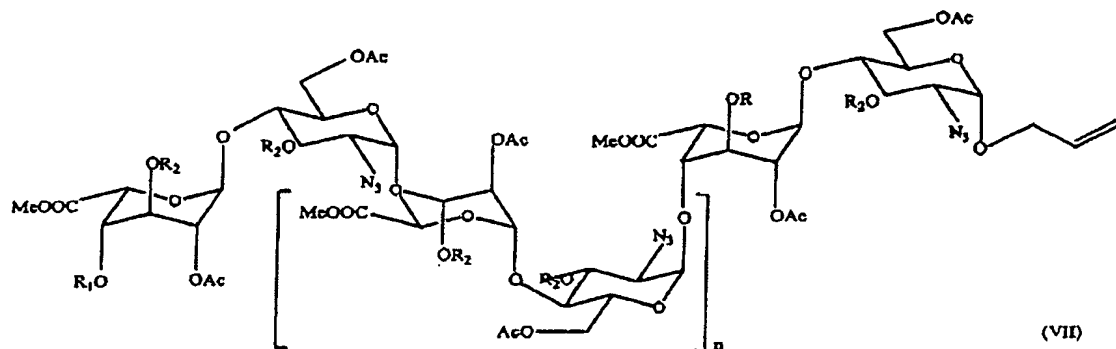


b) in parallel, a disaccharide of formula (V), above, is subjected to isomerization of the allyl group to 1-propenyl, followed by hydrolysis of the enol ether formed and activation of the hydroxyl group in the form of trichloroacetamidate, so as to give a "donor" disaccharide of formula (VIb):



c) the acceptor disaccharide (VIa) and the donor disaccharide (VIb) are coupled so as to obtain the tetrasaccharide ( $n = 0$ ) of formula (VII), with an entirely alpha stereospecificity;

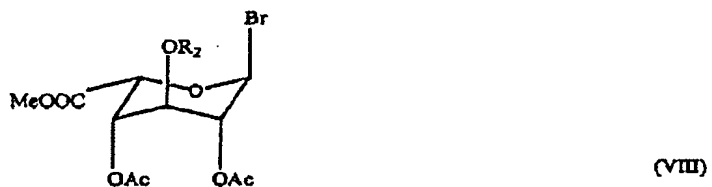
d) optionally, steps a) to c) are repeated, taking the tetrasaccharide prepared in c) as starting product for step a), so as to obtain the hexasaccharide ( $n = 1$ ) and octasaccharide ( $n = 2$ ) of formula (VII):



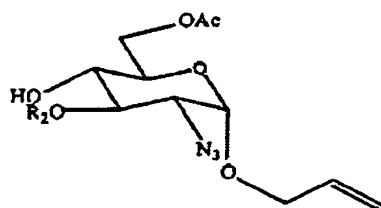
e) optionally, steps a) to c) are repeated, taking the octasaccharide prepared in d) as starting product for step a), so as to obtain a hexadecasaccharide ( $n = 7$ ) of formula (VII);

f) deacetylation, reduction of the azide function, sulphatation and saponification are carried out so as to obtain the desired water-soluble compound that is a precursor of an oligosaccharide (III).

Claim 21. **(Original)** Process according to Claim 20, in which the disaccharide of formula (V) is prepared by means of a coupling reaction between a compound of formula (VIII):

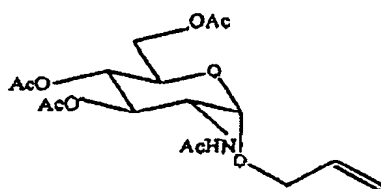


and a compound of formula (IX):

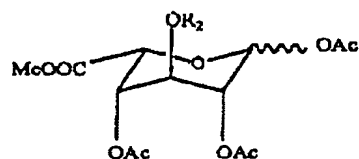


(IX)

Claim 22. **(Original)** Process according to Claim 21, in which the compound of formula (IX) is prepared from the compound of formula (X) and the compound of formula (VIII) is prepared from the compound of formula (XI):

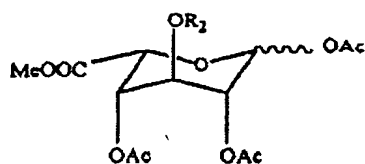


(X)



(XI)

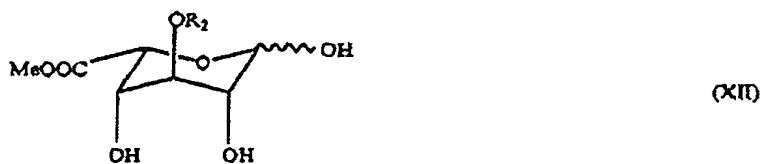
Claim 23. **(Original)** Process according to Claim 22, in which the compound of formula:



(XI)



is prepared by acetylation of the compound of formula (XII):



at -40°C in dichloromethane as solvent, with pyridine as base, acetyl chloride as acylating agent and, 4-dimethylaminopyridine as catalyst.

**Claim 24. (Currently Amended)** Compound according to ~~any one of Claims 1 to 17~~ Claim 1, for use as a medicament.

**Claim 25. (Currently Amended)** Use of a compound according to ~~any one of Claims 1 to 17~~ Claim 1, for preparing a medicament.

**Claim 26. (Currently Amended)** Compound according to ~~any one of Claims 1 to 17~~ Claim 1, for use as a modulator, for example inhibitor, of the activity of endogenous or exogenous  $\gamma$ -interferon.

**Claim 27. (Currently Amended)** Compound according to ~~any one of Claims 1 to 17~~ Claim 1, for use in the treatment of diseases associated with, or characterized by, the presence of pro-inflammatory cytokines such as  $\gamma$ -interferon, for example autoimmune, inflammatory or degenerative diseases such as multiple sclerosis, glomerulonephritis, Crohn's disease and rheumatoid arthritis.

**Claim 28. (Currently Amended)** Compound according to ~~any one of Claims 1 to 17~~ Claim 1, for use in a treatment to supplement the immuno-suppressive treatments used, for example, for preventing transplant rejection.

Claim 29. **(Currently Amended)** Medicament containing a compound according to ~~any one of Claims 1 to 17~~ Claim 1.

Claim 30. **(Currently Amended)** Composition containing the compound according to ~~any one of Claims 1 to 17~~ Claim 1 and a pharmaceutically acceptable vehicle, for use in the treatment of diseases associated with, or characterized by, the presence of pro-inflammatory cytokines such as  $\gamma$ -interferon, for example autoimmune or degenerative diseases such as multiple sclerosis, glomerulonephritis, Crohn's disease and rheumatoid arthritis.

Claim 31. **(Currently Amended)** Composition containing the compound according to ~~any one of Claims 1 to 17~~ Claim 1 and a pharmaceutically acceptable vehicle, for use in a treatment to supplement the immunosuppressive treatments used, for example, to prevent transplant rejection.

Claim 32. **(Currently Amended)** Use of a compound according to ~~any one of Claims 1 to 17~~ Claim 1, for preparing a medicament intended for the treatment of pathologies or conditions related to the activity, in particular excessive activity, of endogenous or exogenous  $\gamma$ -interferon.

Claim 33. **(Currently Amended)** Use of a compound according to ~~any one of Claims 1 to 17~~ Claim 1, for preparing a medicament intended for the treatment of diseases associated with, or characterized by, the presence of pro-inflammatory cytokines such as  $\gamma$ -interferon, for example autoimmune, inflammatory or degenerative diseases such as multiple sclerosis, glomerulonephritis, Crohn's disease and rheumatoid arthritis.

Claim 34. **(Currently Amended)** Use of a compound according to ~~any one of Claims 1 to 17~~ Claim 1, for preparing a medicament intended for a

treatment to supplement the immunosuppressive treatments used, for example, for preventing transplant rejection.

Claim 35. **(Currently Amended)** Medicament containing  $\gamma$ -interferon in addition to a compound according to ~~any one of Claims 1 to 17~~ Claim 1.

Claim 36. **(Currently Amended)** Medicament according to Claim 35, in which the compound according to ~~any one of Claims 1 to 17~~ Claim 1 and the  $\gamma$ -interferon are in the form of a complex of the compound and of the  $\gamma$ -interferon.

Claim 37. **(Currently Amended)** Complex of a compound according to ~~any one of Claims 1 to 17~~ Claim 1 and of  $\gamma$ -interferon, for use as a medicament.

Claim 38. **(Currently Amended)** Complex of a compound according to ~~any one of Claims 1 to 17~~ Claim 1 and of  $\gamma$ -interferon, for use as an immunostimulant.

Claim 39. **(Currently Amended)** Complex of a compound according to ~~any one of Claims 1 to 17~~ Claim 1 and of  $\gamma$ -interferon, for use in the treatment of a disease chosen from cancer, infectious, for example viral, bacterial or parasitic, diseases, and organ fibroses.

Claim 40. **(Currently Amended)** Composition containing a complex of a compound according to ~~any one of Claims 1 to 17~~ Claim 1 and of  $\gamma$ -interferon, and a pharmaceutically acceptable vehicle, for use in the treatment of a disease chosen from cancer, infectious, for example viral, bacterial or parasitic, diseases, and organ fibroses.

Claim 41. **(Currently Amended)** Medicament containing a complex of a compound according to ~~any one of Claims 1 to 17~~ Claim 1 and of  $\gamma$ -interferon.

Claim 42. **(Currently Amended)** Use of a complex of a compound according to ~~any one of Claims 1 to 17~~ Claim 1 and of  $\gamma$ -interferon, for preparing a medicament.

Claim 43. **(Currently Amended)** Use of a complex of a compound according to ~~any one of Claims 1 to 17~~ Claim 1 and of  $\gamma$ -interferon, for preparing a medicament intended for the treatment of a given disease among cancer, infectious, for example, viral, bacterial or parasitic, diseases, and organ fibrosis.